



JUN 30 2006

SEQUENCE LISTING for PCTSE2003001077-06.6.30
SEQUENCE LISTING

<110> Cambridge GenoMax Company Ltd
<120> Randomised DNA libraries and double-stranded RNA libraries, use and method of production thereof

<130> P06031PC00
<140> PCT/SE2003/001077
<141> 2003-06-23
<150> US 60/390,108
<151> 2002-06-21
<160> 45
<170> PatentIn version 3.1

<210> 1
<211> 29
<212> DNA
<213> Artificial Sequence
<220>
<223> primer
<400> 1
ggaaattcgaa cgctgacgtc atcaaccgg

29

<210> 2
<211> 35
<212> DNA
<213> Artificial Sequence
<220>
<223> primer
<400> 2
gaagatctgt ctcatacaga acttataaga ttccc

35

<210> 3
<211> 500
<212> DNA
<213> Artificial Sequence
<220>
<221> misc-feature
<222> (7) ; (7)
<223>n=a, "t", "c", or "g"
<221> misc-feature
<222> (9) ; (9)
<223>n=a, "t", "c", or "g"
<400> 3

tccaggnanc gcgggcccag tgtcactagg cgggaacacc cagcgcggt ggcgcctggc 60
aggaagatgg ctgtgaggga cagggagtg ggcgcctgca atatttgcatt gtcgctatgt 120
gttctggaa atcaccataa acgtgaaatg tctttggatt tggaatctt ataagttctg 180
tatgagacag atcttcaata ttggccatta gccatattat tcattggta tatagcataa 240
atcaatattg gctattggcc attgcatacg ttgtatctat atcataatat gtacatttat 300
attggctcat gtccaatatg accgccatgt tggcatttgat tattgacttag ttattaatag 360
taatcaattt cggggtcatt agttcatagc ccattatggg agttccgcgt tacataactt 420
acggtaaatg gccccctgg ctgaccgccc aacgacccccc gcccattgac gtcaataatg 480
acgtatgttc ccatagtaac 500

<210> 4

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<211> 38
<212> DNA
<213> Artificial Sequence
<220>
<223> primer
<400> 4
acgcgtcgac gaattcgaac gctgacgtca tcaacccg 38

<210> 5
<211> 36
<212> DNA
<213> Artificial Sequence
<220>
<223> primer
<400> 5
cccaagcttgcatacag aacttataag attccc 36

<210> 6
<211> 50
<212> DNA
<213> Artificial Sequence
<220>
<223> oligo DNA
<400> 6
gggaaagatc taaaaaaaata aatgaatcaa gaacattttt aagcttgggg 50

<210> 7
<211> 50
<212> DNA
<213> Artificial Sequence
<220>
<223> oligo DNA
<400> 7
ccccaaagttt aaaaatgttc ttgattcatt tattttttta gatcttcccc 50

<210> 8
<211> 50
<212> DNA
<213> Artificial Sequence
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<221> misc-feature
<222> (17)...(35)
<223> n= a, "t", "c", or"g"
<400> 8
gggaaagatc taaaaannnn nnnnnnnnnn nnnnnntttt aagcttgggg 50

<210> 9
<211> 51
<212> DNA
<213> Artificial Sequence
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<221> misc-feature
<222> (17)...(36)
<223> n= a, "t", "c", or"g"
<400> 9
gggaaagatc taaaaannnn nnnnnnnnnn nnnnnntttt taagcttggg g 51

<210> 10
<211> 52
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<213> Artificial Sequence
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<221> misc-feature

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<222> (17)...(37)
<223> n= a, "t", "c", or "g"
<400> 10
ggggaagatc taaaaannnn nnnnnnnnnn nnnnnnnnttt ttaagcttgg gg      52

<210> 11
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<213> Artificial sequence
<220>
<223> primer
<400> 11
ccccaaagctt aaaaaa                                         15

<210> 12
<211> 19
<212> DNA
<213> Artificial sequence
<220>
<223> 19 base pair clone
<400> 12
aaagggttta cgtgggtgg                                         19

<210> 13
<211> 19
<212> DNA
<213> Artificial sequence
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<223> 19 base pair clone
<400> 13
aatcggttta tttgcattgc                                         19

<210> 14
<211> 19
<212> DNA
<213> Artificial sequence
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<223> 19 base pair clone
<400> 14
aattgacatg tgagcttgg                                         19

<210> 15
<211> 19
<212> DNA
<213> Artificial sequence
<220>
<223> 19 base pair clone
<400> 15

<210> 16
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<212> DNA
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<223> 19 base pair clone
<400> 16
cagcatcaact gtatgtgtc                                         19

<210> 17
<211> 19
<212> DNA
<213> Artificial sequence
<220>

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<223> 19 base pair clone
<400> 17
ctatcttcgt ggaggttgg 19

<210> 18
<211> 19
<212> DNA
<213> Artificial Sequence
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<223> 19 base pair clone
<400> 18
ctatgaaggt ggtgatgcg 19

<210> 19
<211> 19
<212> DNA
<213> Artificial Sequence
<220>
<223> 19 base pair clone
<400> 19
cttaatttgtt ggttgttagg 19

<210> 20
<211> 19
<212> DNA
<213> Artificial Sequence
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<223> 19 base pair clone
<400> 20
tggctgtatg tgagtggct 19

<210> 21
<211> 19
<212> DNA
<213> Artificial Sequence
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<223> 19 base pair clone
<400> 21
ttaatctctg gtgtcctaa 19

<210> 22
<211> 19
<212> DNA
<213> Artificial Sequence
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<223> 19 base pair clone
<400> 22
ttgttagggac ttggatgat 19

<210> 23
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<212> DNA
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<223> Primer
<400> 23
aaaaatttcga acccc 15

<210> 24
<211> 50
<212> DNA
<213> Artificial Sequence
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<221> misc-feature
<222> (17)...(35)
<223> n= a, "t", "c", or"g"
<400> 24
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<210> 25
<211> 35
<212> DNA
<213> Artificial Sequence
<220>
<221> misc_feature
<222> (11)...(29)
<223> n= a, "t", "c", or"g"
<400> 25
gatctaaaaa nnnnnnnnnn nnnnnnnnnnt tttta 35

<210> 26
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<212> DNA
<213> Artificial Sequence
<220>
<221> misc_feature
<222> (7)...(25)
<223> n= a, "t", "c", or"g"
<400> 26
atttttnnnn nnnnnnnnnn nnnnnnaaaaa ttcga 35

<210> 27
<211> 50
<212> DNA
<213> Artificial Sequence
<220>
<222> (17)...(35)
<223> RNA coding sequence
<400> 27
gggaaagatc taaaaaaaaata aatgaatcaa gaacatttt aagcttgggg 50

<210> 28
<211> 50
<212> DNA
<213> Artificial Sequence
<220>
<222> (17)...(35)
<223> RNA coding sequence
<400> 28
cccccttctag attttttat ttacttagtt cttgtaaaaa ttcgaacccc 50

<210> 29
<211> 35
<212> DNA
<213> Artificial Sequence
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<222> (11)...(29)
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<400> 29
gatctaaaaa aataaatgaa tcaagaacat tttta 35

<210> 30
<211> 35
<212> DNA
<213> Artificial Sequence
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<222> (7)...(25)		
<223> RNA coding sequence		
<400> 30		
attttttat ttacttagtt cttgtaaaaa ttcga		35
<210> 31		
<211> 9		
<212> DNA		
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<223> primer		
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ttcaagaga		9
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210> 32		
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<223> primer		
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aagttctct		9
<210> 33		
<211> 18		
<212> DNA		
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<400> 33		
acaaagctt tccaaaaa		18
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<211> 19		
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<213> Artificial Sequence		
<221> misc_feature		
<222> (1)...(19)		
<223> n= a, "t", "c", or"g"		
<400> 34		
nnnnnnnnnn nnnnnnnnnn		19
<210> 35		
<211> 36		
<212> DNA		
<213> Artificial Sequence		
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cacacgtgtc ttcgaacaca atgctaattct cttgaa		36
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<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Adapter		
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agcttactgc acccgggat cctgtt		26
<210> 37		
<211> 21		
<212> DNA		

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<213> Artificial Sequence
<220>
<223> Primer
<400> 37
aactggatcc ccggggtgca g 21

<210> 38
<211> 64
<212> DNA
<213> Artificial Sequence
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<221> misc-feature
<222> (8)...(26)
<223> n= a, "t", "c", or"g"
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<221> misc_feature
<222> (36).;. (54)
<223> n= a, "t", "c", or"g"
<400> 38
gatccccnnn nnnnnnnnnn nnnnnnttca agagannnn nnnnnnnnnn nnnnttttg 60
gaaa 64

<210> 39
<211> 64
<212> DNA
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<221> misc_feature
<222> (4)...(22)
<223> n= a, "t", "c", or"g"
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<221> misc_feature
<222> (32)...(50)
<223> n= a, "t", "c", or"g"
<400> 39
gggnnnnnnn nnnnnnnnnn nnaagttctc tnnnnnnnnn nnnnnnnnnn aaaaacctt 60
tcga 64

<210> 40
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<212> DNA
<213> Artificial Sequence
<220>
<223> primer
<400> 40
ttttggatc c 11
<210> 41
<211> 41
<212> DNA
<213> Artificial Sequence
<220>
<223> Hairpin
<400> 41
gggagatctt cgcttcaacg aagatctccc ggatccaaaa a 41

<210> 42
<211> 31
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<213> Artificial Sequence
<220>
<221> misc_feature
<222> (8)...(26)
<223> n= a, "t", "c", or"g"

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<400> 42		
gatccccnnn nnnnnnnnnn nnnnnntttt t		31
<210> 43		
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<212> DNA		
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<220>		
<221> misc_feature		
<222> (1)...(19)		
<223> n= a, "t", "c", or"g"		
<400> 43		
nnnnnnnnnn nnnnnnnnnnt ttttggaaa		29
<210> 44		
<211> 27		
<212> DNA		
<213> Artificial Sequence		
<220>		
<221> misc_feature		
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<400> 44		
gggnnnnnnn nnnnnnnnnn nnaaaaaa		27
<210> 45		
<211> 33		
<212> DNA		
<213> Artificial Sequence		
<220>		
<221> misc_feature		
<222> (1)...(19)		
<223> n= a, "t", "c", or"g"		
<400> 45		
nnnnnnnnnn nnnnnnnnnna aaaacctttt cga		33